

Program Description/Textbook or Printed Instructional Material

Vendor: Holt, Rinehart and Winston, a division of Harcourt, Inc. Web Address: www.hrw.com
Title: Biology: Principles & Explorations
Author: Raven & Johnson **Copyright:** 2001
ISBN: 0030519993 **Course/Content Areas:** Biology
Intended Grade or Level: 9-12 **Readability Level:** 9.9 with Technical/8.6 without Technical
List Price: \$71.80 **Lowest Wholesale Price:** \$53.85

FEATURES*

***DISCLAIMER:** The features of each book or program were developed by the publisher and do not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

BIOLOGY: Principles and Explorations' program provides thorough coverage of the basic principles of biology, yet allows teachers flexibility to explore detailed topics they want their classes to focus on. The program provides a comprehensive coverage of Cell Biology, Genetics, Evolution, Ecology, and Diversity. The text introduces students to current scientific developments, recent scientific theories, biotechnology, discussion of how cells communicate, medical advances, and immune system disorders.

Student Experiences

The in-text lab program provides five different types of laboratory activities. **Quick Labs** provide hands-on learning using few materials. **Data Labs** allow students to interpret data and draw conclusions. **Math Labs** provide practice in real-world math skills as students analyze biological problems. **Experimental Design Labs** show students lab procedures so they can design their own experiments. **Lab Techniques** teach students lab skills used by biologists. **Interactive Explorations** use CD-ROM technology, enabling students to see and control biological phenomena. Up-to-date *sciLINKS* Internet resource topics at point of use enable students to review, extend, and enrich their knowledge about science concepts in the text.

Assessment

BIOLOGY: Principles and Explorations provides a variety of ways to measure students' knowledge. **Section Reviews** help students check their mastery of each lesson. **Study Tips** throughout each lesson help students learn the lesson content. **Study Zone, Performance Zone, Skills Assessment,** and **Critical Thinking** located at the end of each **Chapter Review** help students practice on their own. The teacher has the option to customize tests including **Performance-Based Assessment** with the **One-Stop Planner CD-ROM with Test Generator**.

Organization

BIOLOGY: Principles and Explorations has a unique two-part organization. Part one, Principles, covers the fundamental content of biology, and part two, Explorations, divides the world of living organisms into five units. **Section Review** questions assess students on content described by the Section Objectives. Each Section Review includes at least one **Critical Thinking** question, which requires students to apply the content in the section to new situations. **BIOLOGY: Principles and Explorations** text features emphasize the relevance of biology. **Science, Technology, and Society** features emphasize the impact of technological development on society from economic, philosophical, and ethical standpoints. **Exploring Further** covers complex in-depth topics that provide additional material and research opportunities for above average students. **BioBit** and **Real Life** show how biology impacts daily life. **Health Watch, Food Watch,** and **Tech Watch** describe real-world connections between biology, diet, and technology. Each chapter interleaf of the Annotated Teacher's Edition includes Planning Guide boxes that correlate all the components of the instructional program with classroom resources, assignment resources and technology resources.

Resource Materials

? **Gratis items to be provided and under what conditions:** See Next Page

? **Available ancillary materials:** Additional copies of all of the gratis materials may be purchased separately.

BIOLOGY: PRINCIPLES & EXPLORATIONS ©2001 By Raven & Johnson

The following desk copy items are available on request to each school that adopts **Biology: Principles & Explorations ©2001** as its basal series:

UPON REQUEST, ONE PER PUPIL EDITION PURCHASED FOR THE LIFE OF THE CONTRACT

Kentucky High School CATS Practice Tests 0-03-066801-8

UPON REQUEST, ONE PER TEACHER, YEAR OF PURCHASE

Annotated Teacher's Edition 0-03-053834-3

Kentucky Annotated Teacher's Edition 0-03-066786-0

(Choice of one version of the Annotated Teacher's Edition **only** in the first two years of the contract)

Teaching Resources 0-03-055372-5

Audio CD Program 0-03-055324-5

One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows® 0-03-056607-X

Kentucky One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows® 0-03-066792-5

(Choice of one version of the One-Stop Planner CD-ROM **only** in the first two years of the contract)

Holt Biology Interactive Tutor CD-ROM for Macintosh® and Windows® 0-03-053032-6

CNN Presents Science in the News: Biology Connections 0-03-055373-3

[Teacher's Guide And Critical Thinking Worksheets]

Holt BioSources Lab Program 0-03-052044-4

Holt BioSources Teaching Transparency Directory with Teacher's Notes 0-03-050703-0

Interactive Explorations in Biology for Macintosh® and Windows®-Human Biology 0-03-050473-2

Interactive Explorations in Biology for Macintosh® and Windows®-Cell Biology and Genetics 0-03-050478-3

Holt BioSources Teaching Transparencies 0-03-050702-2

Holt Science Skills Workshop, Reading in the Content Area 0-03-064424-0

Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-064423-2

Kentucky Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-066802-6

(Choice of one version of the Teacher's Edition of Holt Science Skills Workshop, **only** in the first two years of the contract)

UPON REQUEST, ONE PER SCHOOL, AS NEEDED, YEAR OF PURCHASE OF 150 OR MORE PUPIL EDITIONS

Spanish Resources 0-03-055314-8

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

****DISCLAIMER:** The Research Data/Evidence of Effectiveness was provided by the publisher and does not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor the Kentucky Department of Education.

The Department of Research and Curriculum, editorial and consultant staff conducted observations, interviews, and surveys with teachers representing a diverse ethnic and socioeconomic background in rural, suburban and inner city areas in Maryland, Missouri, Arizona, California, Texas, and Minnesota. Performance effectiveness was monitored through surveys to product users, as well as by collecting appraisal statements from students and teachers, reports from field consultants and sales staff, and pre- and post-test scores, and attitudinal surveys. A complete Learner Verification Report is available upon request.

Program Description/Textbook or Printed Instructional Material

Vendor: Holt, Rinehart and Winston, a division of Harcourt, Inc. Web Address: www.hrw.com
Title: Holt Chemistry: Visualizing Matter, Technology Edition
Author: Tocci **Copyright:** 2000
ISBN: 0030520029 **Course/Content Areas:** Chemistry
Intended Grade or Level: 9-12 **Readability Level:** 11.3 with Technical/10.2 without Technical
List Price: \$71.80 **Lowest Wholesale Price:** \$53.85

FEATURES*

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Content

HOLT CHEMISTRY: Visualizing Matter provides a solid foundation for students in chemistry using logic and reason. Content is focused on applications using a balance of examples from organic and inorganic chemistry. Special features include **Element Spotlight**, which offers students a quick overview of the properties and uses of selected elements. **Science & Technology** offers insights into areas of research and related careers in science. **Consumer Focus** relates chemistry principles to commonly used products.

Student Experiences

HOLT CHEMISTRY: Visualizing Matter's laboratory program offers four types of in-text labs. **Quick Labs** and **Inquiry Labs** provide short activities and simple options for students to design their own experiments. **Explorations** provide the conceptual framework and the necessary laboratory technique students need to conduct full scale inquiry procedures in their laboratory investigations. **Investigations** offer students opportunities to design their own experiments and conduct analyses for fictitious clients. The **Holt ChemFile Interactive Tutor CD-ROM** helps students develop problem-analysis skills as the tutor graphically displays problems in ways that help students plan effective solutions. Modules are divided into the following lesson types: topic tutorials, topic practice, problem solving tutorials, and problem solving practice. Up-to-date **sciLINKS** Internet resource topics at point of use enable students to review, extend, and enrich their knowledge about science concepts in the text.

Assessment

HOLT CHEMISTRY: Visualizing Matter offers a variety of assessment tools to evaluate the progress of students. Students can practice problem solving and higher level thinking in the **Review & Assess** exercises. These exercises include **Term Review**, **Concept & Skills Review**, and **Alternative Assessments**. **Alternative Assessments** provide options for performance assessment and portfolio projects. The teacher has the option to customize tests with the **Test Generator** software.

Organization

The chapter structure of **HOLT CHEMISTRY: Visualizing Matter** draws students into each chapter with an interesting, introduction under **Something to Think About**. **Highlights** at the end of each chapter offer a listing of key terms, concepts, and problem solving models. **Study Skills** offer students advice for improving their organizational and study skills. **Illustrations** in the program provide students with concrete visual models, which connect and reinforce abstract chemistry principles. Each chapter interleaf of the Annotated Teacher's Edition includes Planning Guide boxes that correlate all the components of the instructional program with classroom, assignment, and technology resources.

Resource Materials

?**Gratis items to be provided and under what conditions:** See Next Page

?**Available ancillary materials:** Additional copies of all of the gratis materials may be purchased separately.

HOLT CHEMISTRY: VISUALIZING MATTER Technology Edition ©2000 By Tocci

The following desk copy items are available on request to each school that adopts **Holt Chemistry: Visualizing Matter ©2000** as its basal series:

UPON REQUEST, ONE PER PUPIL EDITION PURCHASED FOR THE LIFE OF THE CONTRACT

Kentucky High School CATS Practice Tests 0-03-066801-8

UPON REQUEST, ONE PER TEACHER, YEAR OF PURCHASE

Annotated Teacher's Edition	0-03-053837-8
Kentucky Annotated Teacher's Edition	0-03-066788-7
(Choice of one version of the Annotated Teacher's Edition only in the first two years of the contract)	
Teaching Resources	0-03-055228-1
Holt ChemFile Interactive Tutor CD-ROM and User's Guide for Macintosh® and Windows®	0-03-051868-7
Holt ChemFile Lab Program	0-03-052993-X
Holt ChemFile Technology Resources	0-03-052994-8
Holt ChemFile Teaching Transparencies	0-03-051937-3
Laboratory Manager's Professional Reference Reference	0-03-064921-8
Holt Science Skills Workshop, Reading in the Content Area	0-03-064424-0
Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area	0-03-064423-2
Kentucky Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area	0-03-066802-6
(Choice of one version of the Teacher's Edition of Holt Science Skills Workshop, only in the first two years of the contract)	
CNN Presents Science in the News: Chemistry Connections	0-03-055328-8
[with Teacher's Guide and Critical Thinking Worksheets]	
Kentucky Lesson Planner CD-ROM (Available first two years of the contract only)	0-03-066803-4

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

****DISCLAIMER:** The Research Data/Evidence of Effectiveness was provided by the publisher and does not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor the Kentucky Department of Education.

The Department of Research and Curriculum, editorial and consultant staff conducted observations, interviews, and reviews with teachers representing a diverse ethnic and socioeconomic background in states including Minnesota, Maryland, Texas, Colorado, New York, Washington, and Nebraska. Performance effectiveness was monitored through surveys to product users, as well as by collecting appraisal statements from students and teachers, reports from field consultants and sales staff, and pre- and post-test scores and attitudinal surveys. A complete Learner Verification Report is available upon request

Program Description/Textbook or Printed Instructional Material

Vendor: Holt, Rinehart and Winston, a division of Harcourt, Inc. Web Address: www.hrw.com

Title: Holt Environmental Science

Author: Arms **Copyright:** 2000

ISBN: 0030520193 **Course/Content Areas:** Environmental Science

Intended Grade or Level: 9-12 **Readability Level:** 9.7 with Technical/8.6 without Technical

List Price: \$67.80 **Lowest Wholesale Price:** \$50.85

FEATURES*

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Content

HOLT ENVIRONMENTAL SCIENCE was designed with a balanced approach to the diverse study of our environment. The emphasis in this program is the study of science and the development of thinking and decision making skills. The program's goal is to provide students with the science background they need to analyze for themselves many of the issues concerning the environment. **HOLT ENVIRONMENTAL SCIENCE** is the application of many different sciences to extend knowledge of both our world and its inhabitants.

Student Experiences

HOLT ENVIRONMENTAL SCIENCE Investigations provide two-page laboratory experiments located at the end of every chapter. Special features in **HOLT ENVIRONMENTAL SCIENCE** provide a variety of information on environmental issues. **Points of View** cover environmental issues from different perspectives; **Case Studies** provide opportunities for students to discuss issues and explore interesting environmental controversies; and **Making a Difference** and **Environmental Careers** highlight the contributions of people from diverse ethnic and cultural backgrounds. Internet resource topics are listed in a **sciLINKS** box and located at point of use in the margins of the Pupil's Edition. These sites are managed and monitored by the National Science Teachers Association staff. Links to the HRW web site at **go.hrw.com** provide students with direct access to a rich collection of prescreened educational online materials.

Assessment

HOLT ENVIRONMENTAL SCIENCE provides a variety of ways for measuring conceptual understanding and problem-solving skills. **Section Reviews** ask students to review key concepts and answer critical thinking questions. **Chapter Reviews** offer a variety of questions which include: Understanding Vocabulary, Relating Concepts, Understanding Concepts, Short Answer, Interpreting Graphics, Thinking Critically, Themes in Science, Cross-Discipline Connection, and Portfolio Activity. The **Holt Test Generator** is a **CD-ROM** offering two chapter tests and one performance-based assessment for each of the 14 chapters. All tests can be manipulated and customized.

Organization

Each chapter begins and ends with an **Ecology Box**, which contains questions that relate to the chapter. **Section Reviews** and **Chapter Reviews** offer a variety of questions to challenge the students. **Chapter Highlights** include a summary of each chapter's main topics. A **Chapter Investigation** is located at the end of each chapter. **Points of View** or **Making a Difference** features are located between chapters, while **Case Studies** are found throughout the program. **Environmental Careers**, **Ecoskills**, and the **Reference Section** are located at the end of the program.

Resource Materials

? **Gratis items to be provided and under what conditions:** See Next Page

? **Available ancillary materials:** Additional copies of all of the gratis materials may be purchased separately.

HOLT ENVIRONMENTAL SCIENCE ©2000 By Arms

The following desk copy items are available on request to each school that adopts **Holt Environmental Science ©2000** as its basal series:

UPON REQUEST, ONE PER PUPIL EDITION PURCHASED FOR THE LIFE OF THE CONTRACT

Kentucky High School CATS Practice Tests	0-03-066801-8
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ONE PER TEACHER, YEAR OF PURCHASE

Annotated Teacher's Edition	0-03-052943-3
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Teaching Resources	0-03-052944-1
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Technology Resources	0-03-055397-0
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Kentucky Lesson Planner CD-ROM (Available first two years of the contract only)	0-03-066803-4
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ONE PER TEACHER, LIMITED TO YEAR OF INITIAL PURCHASE

CNN Presents Science in the News: Eye on the Environment [with Teacher's Guide and Critical Thinking Worksheets]	0-03-055474-8
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RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

****DISCLAIMER:** The Research Data/Evidence of Effectiveness was provided by the publisher and does not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor the Kentucky Department of Education.

Extensive field testing was done in the development of **HOLT ENVIRONMENTAL SCIENCE © 1996**. In February of 1997, 200 teacher users of **HOLT ENVIRONMENTAL SCIENCE, 1996**, were surveyed to elicit information regarding the effectiveness of the material, strengths and weaknesses of the program, and to evaluate the program overall. Teacher reviewers commented favorably on the amount of background material and the wide variety of activities offered in the 1996 edition. They liked the case studies, diagrams and visuals. Based on recommendations the following improvements were made in **HOLT ENVIRONMENTAL SCIENCE © 2000**. The program adds teacher support materials to boost the ancillary package including the *Interactive Exploration CD-ROM*. Guided Internet access is provided by *sciLINKS*, which encourages the use of technology. The *Test Generator CD-ROM* gives assistance to the teacher. A complete Learner Verification Report is available upon request.

Program Description/Textbook or Printed Instructional Material

Vendor: Holt, Rinehart and Winston, a division of Harcourt, Inc. Web Address: www.hrw.com
Title: Holt Physics
Author: Serway & Faughn **Copyright:** 2002
ISBN: 0030565448 **Course/Content Areas:** Physics
Intended Grade or Level: 9-12 **Readability Level:** 11.8 with Technical/10.4 without Technical
List Price: \$71.80 **Lowest Wholesale Price:** \$53.85

FEATURES*

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Content

HOLT PHYSICS links in-depth, conceptual understanding with problem solving skills and real-world applications. The problem solving strand combines step-by-step explanations of sample problems, plenty of practice problems and interactive technology to build skills and strategies. In **HOLT PHYSICS** students learn how to prepare an accurate and informative diagram which helps connect the concrete world and the world of physics.

Student Experiences

HOLT PHYSICS features connect the physics of the classroom to the real world and to the world of the working physicist. **HOLT PHYSICS** offers a **Laboratory Exercise** at the end of each chapter, 32 **Quick Labs**, and 33 **Holt Physics Laboratory Experiments**. **Tomorrow's Technology** identifies ways in which physics concepts are being incorporated into new inventions and technologies that could change how we live. These features are adapted from the *Pulse of the Planet Public Radio Series*. **Consumer Focus** links the physics concepts discussed in the classroom to common experiences outside the classroom, such as driving cars and choosing batteries. **Science, Technology, and Society** explore some of the ways that science and technological innovation can impact societal issues. **Physics on the Edge** connects key theoretical advances to topics students have already studied, and **Physics and Its World** offers timelines of key developments and people who contributed to our understanding of physics between 1540 and 1950. Up-to-date **sciLINKS** Internet resource topics at point of use enable students to review, extend, and enrich their knowledge about science concepts in the text.

Assessment

HOLT PHYSICS provides a variety of ways for measuring conceptual understanding and problem-solving skills. Comprehensive assessment targets several levels of understanding. **Section Reviews** contain questions and practice problems, which cover learning objectives presented in that section. Each **Review and Assess** focuses on effective recall of key physics facts and relationships, conceptual questions that build in-depth understanding of the concepts behind those facts, and practice problems that gauge the ability to apply those facts, relationships, and concepts to solve problems. The teacher has the option to create, revise, and edit quizzes, section and chapter reviews, and chapter tests with the *One-Stop Planner CD-ROM with Test Generator*.

Organization

Each chapter in **HOLT PHYSICS** begins with *Physics in Action*, an introductory feature that connects physics concepts to real-world experiences. Sections are clearly organized with support for students with **Section Objectives**, **Section Review**, and chapter **Review and Assess**. **Quick Lab** and **Conceptual Challenge** features are located throughout **HOLT PHYSICS**. Full-length **Laboratory Exercises** are located at the end of each chapter. Each chapter interleaf of the Annotated Teacher's Edition includes Planning Guide boxes that correlate all the components of **HOLT PHYSICS** instructional program with classroom, assignment and technology resources.

Resource Materials

? **Gratis items to be provided and under what conditions:** See Next Page

? **Available ancillary materials:** Additional copies of all of the gratis materials may be purchased separately.

HOLT PHYSICS ©2002 By Serway and Faughn

The following desk copy items are available on request to each school that adopts **Holt Physics** as its basal series:

UPON REQUEST, ONE PER PUPIL EDITION PURCHASED FOR THE LIFE OF THE CONTRACT

Kentucky High School CATS Practice Tests 0-03-066801-8

ONE PER TEACHER, YEAR OF PURCHASE

Annotated Teacher's Edition 0-03-056546-4

Teaching Resources 0-03-056547-2

Laboratory Manager's Professional Reference Reference 0-03-064921-8

Holt Science Skills Workshop, Reading in the Content Area 0-03-064424-0

Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-064423-2

Kentucky Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-066802-6

(Choice of one version of the Teacher's Edition of Holt Science Skills Workshop, **only** in the first two years of the contract)

Holt Physics Interactive Tutor For Macintosh® and Windows® [CD-ROM] 0-03-051883-0

Teaching Transparencies 0-03-057339-4

One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows® 0-03-057338-6

CNN Presents Science In The News: Physical Science 0-03-055602-3
[with Teacher's Guide and Critical Thinking Worksheets]

Kentucky Lesson Planner CD-ROM (Available first two years of the contract only) 0-03-066803-4

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

****DISCLAIMER:** The Research Data/Evidence of Effectiveness was provided by the publisher and does not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor the Kentucky Department of Education.

In May of 1999 the Department of Research and Curriculum, editorial and consultant staff conducted surveys with physics teachers who were current users of **Holt Physics © 1999**. The teachers who responded to the user survey indicated that they were quite satisfied with the program. Based on recommendations the following improvements were made in the **Holt Physics © 2002**. The program presents a good balance between theory and application. Probe based labs encourage the use of technology. **sciLINKS** provide guided access to Internet sites. Additional practice problems were added. The One-Stop Planner gives guidance to teacher planning. A complete Learner Verification Report is available upon request

Program Description/Textbook or Printed Instructional Material

Vendor: Holt, Rinehart and Winston, a division of Harcourt, Inc. Web Address: www.hrw.com

Title: Holt Science Spectrum: A Balanced Approach Integrating Chemistry•Physics•Human Biology•Earth Science•Space Science•Mathematics

Author: Holman **Copyright:** 2001

ISBN: 0-03-054351-7 **Course/Content Areas:** Integrated Science

Intended Grade or Level: 9-12 **Readability Level:** 8.4 with Technical/7.5 without Technical

List Price: \$67.80 **Lowest Wholesale Price:** \$50.85

FEATURES*

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Content

HOLT SCIENCE SPECTRUM: A Balanced Approach provides in-depth coverage of life, earth, and physical sciences, including an introduction to the human body. Six units group the chapters into broad themes: The Nature of Matter, Changes in Matter, Motion and Energy, Using Energy, The Human Body, and Exploring Earth and Space.

Student Experiences

HOLT SCIENCE SPECTRUM: A Balanced Approach provides four different in-text lab activities. **Quick Activity** provides short concrete experiences in concepts. **Inquiry Labs** require students to collect data to resolve an inquiry-based question. **Skill Builder Labs** develop process skills students need to engage in real inquiry. **Design Your Own Labs** provide simple procedures and observations students will use in designing their own experiment to test a hypothesis. **sciLINKS** online resources keep students up-to-date on integrated science concepts.

Assessment

Flexible tools found in **HOLT SCIENCE SPECTRUM: A Balanced Approach** allow quick monitoring of student performance. **Section Reviews** and **Chapter Reviews** offer a variety of practice and applying knowledge questions. The teacher has the option to customize tests including **Performance-Based Assessment** with the **One-Stop Planner CD-ROM with Test Generator**.

Organization

Each chapter in **HOLT SCIENCE SPECTRUM: A Balanced Approach** begins first with a **Focus Activity** that connects background information and activities to that chapter's content. Short, single concept sections organize information and provide a cohesive flow of content. **Real-World Applications** show students how a concept is applied to everyday life. **Science and the Consumer** provides subjects of ongoing debate where students use risk assessment models to analyze the issue. **Your Choice** items ask students to relate the issue to a science concept and present suggestions for further research. **Career Links** provides personal interviews to give students a realistic view of the education and training required for career choices. **Viewpoints** provide student opinions about interesting issues. **Your Turn** items help students learn to analyze arguments for bias and do additional research to formulate informed opinions, which they can post on the HRW web site. **Integrating Technology and Society** sections provide science and technology topics that have environmental and social implications.

Resource Materials

?**Gratis items to be provided and under what conditions:** See Next Page

?**Available ancillary materials:** Additional copies of all of the gratis materials may be purchased separately.

HOLT SCIENCE SPECTRUM A Balanced Approach ©2001
Integrating Chemistry•Physics•Human Biology•Earth Science Space Science•Mathematics
By Holman

The following desk copy items are available on request to each school that adopts **Holt Science Spectrum: A Balanced Approach ©2001** as its basal series:

UPON REQUEST, ONE PER PUPIL EDITION PURCHASED FOR THE LIFE OF THE CONTRACT

Kentucky High School CATS Practice Tests 0-03-066801-8

ONE PER TEACHER, YEAR OF PURCHASE

Annotated Teacher's Edition	0-03-055518-3
Teaching Resources	0-03-055568-X
Guided Reading Audio CD Program	0-03-055524-8
Teaching Transparencies and Transparency Masters	0-03-055607-4
One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows®	0-03-056608-8
Holt Physical Science Tutor CD-ROM for Macintosh® and Windows®	0-03-055612-0
Laboratory Manager's Professional Reference Reference	0-03-064921-8
Holt Science Skills Workshop, Reading in the Content Area	0-03-064424-0
Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area	0-03-064423-2
Kentucky Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area	0-03-066802-6

(**Choice of one version** of the Teacher's Edition of Holt Science Skills Workshop, **only** in the first two years of the contract)

ONE PER TEACHER, LIMITED TO YEAR OF INITIAL PURCHASE

Spanish Resources	0-03-055567-1
CNN Presents Science in the News: Physical Science [Teacher's Guide & Critical Thinking Worksheets]	0-03-055602-3

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

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The Department of Research and Curriculum, editorial and consultant staff conducted observations, interviews, and surveys with teachers representing a diverse ethnic and socioeconomic background in rural, suburban and inner city areas in Florida, Texas, Maryland, California, Illinois, and Ohio. Performance effectiveness was monitored through surveys to product users, as well as by collecting appraisal statements from students and teachers, reports from field consultants and sales staff, and pre- and post-test scores, and attitudinal surveys. A complete Learner Verification Report is available upon request.

Program Description/Textbook or Printed Instructional Material

Vendor: Holt, Rinehart and Winston, a division of Harcourt, Inc. Web Address: www.hrw.com

Title: Holt Science Spectrum: A Physical Approach Integrating Chemistry•Physics •Earth Science•Space Science•Mathematics

Author: Holman **Copyright:** 2001

ISBN: 0-03-054349-5 **Course/Content Areas:** Integrated Science

Intended Grade or Level: 9-12 **Readability Level:** 8.4 with Technical/7.5 without Technical

List Price: \$67.80 **Lowest Wholesale Price:** \$50.85

FEATURES*

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Content

HOLT SCIENCE SPECTRUM: A Physical Approach provides in-depth coverage of physics, chemistry, earth science, and space science, with a focus on the physical sciences. Six units group the chapters into broad themes: The Nature of Matter, Changes in Matter, Motion and Energy, Waves and Wave Properties, Electricity and Magnetism, and Exploring Earth and Space.

Student Experiences

HOLT SCIENCE SPECTRUM: A Physical Approach provides four different in-text lab activities. **Quick Activity** provides short concrete experiences in concepts. **Inquiry Labs** require students to collect data to resolve an inquiry-based question. **Skill Builder Labs** develop process skills students need to engage in real inquiry. **Design Your Own Labs** provide simple procedures and observations students will use in designing their own experiment to test a hypothesis. **sciLINKS** online resources keep students up-to-date on integrated science concepts.

Assessment

Flexible tools found in **HOLT SCIENCE SPECTRUM: A Physical Approach** allows quick monitoring of student performance. **Section Reviews** and **Chapter Reviews** offer a variety of practice and applying knowledge questions. The teacher has the option to customize tests including **Performance-Based Assessment** with the **One-Stop Planner CD-ROM with Test Generator**.

Organization

Each chapter in **HOLT SCIENCE SPECTRUM: A Physical Approach** begins first with a **Focus Activity** that connects background information and activities to that chapter's content. Short, single concept sections organize information and provide a cohesive flow of content. **Real-World Applications** show students how a concept is applied to everyday life. **Science and the Consumer** provides subjects of ongoing debate where students use risk assessment models to analyze the issue. **Your Choice** items ask students to relate the issue to a science concept and present suggestions for further research. **Career Links** provides personal interviews to give students a realistic view of the education and training required for career choices. **Viewpoints** provide student opinions about interesting issues. **Your Turn** items help students learn to analyze arguments for bias and do additional research to formulate informed opinions, which they can post on the HRW web site. **Integrating Technology and Society** sections provide science and technology topics that have environmental and social implications.

Resource Materials

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? **Available ancillary materials:** Additional copies of all of the gratis materials may be purchased separately.

HOLT SCIENCE SPECTRUM A Physical Approach ©2001
Integrating Chemistry•Physics•Earth Science•Space Science•Mathematics
By Holman

The following desk copy items are available on request to each school that adopts **Holt Science Spectrum: A Physical Approach ©2001** as its basal series:

UPON REQUEST, ONE PER PUPIL EDITION PURCHASED FOR THE LIFE OF THE CONTRACT

Kentucky High School CATS Practice Tests 0-03-066801-8

ONE PER TEACHER, YEAR OF PURCHASE

Annotated Teacher's Edition 0-03-055578-7

Kentucky Annotated Teacher's Edition 0-03-066789-5

(Choice of one version of the Teacher's Edition, **only** in the first two years of the contract)

Teaching Resources 0-03-055597-3

Guided Reading Audio CD Program 0-03-055588-4

Teaching Transparencies and Transparency Masters 0-03-055607-4

One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows® 0-03-056609-6

Kentucky One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows® 0-03-066794-1

(Choice of one version of the One-Stop Planner CD-ROM, **only** in the first two years of the contract)

Holt Physical Science Tutor CD-ROM for Macintosh® and Windows® 0-03-055612-0

Laboratory Manager's Professional Reference 0-03-064921-8

Holt Science Skills Workshop, Reading in the Content Area 0-03-064424-0

Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-064423-2

Kentucky Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-066802-6

(Choice of one version of the Teacher's Edition of Holt Science Skills Workshop, **only** in the first two years of the contract)

ONE PER TEACHER, LIMITED TO YEAR OF INITIAL PURCHASE

Spanish Resources 0-03-055594-9

CNN Presents Science in the News: Physical Science [Teacher's Guide & Critical Thinking Worksheets] 0-03-055602-3

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

****DISCLAIMER:** The Research Data/Evidence of Effectiveness was provided by the publisher and does not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor the Kentucky Department of Education.

The Department of Research and Curriculum, editorial and consultant staff conducted observations, interviews, and surveys with teachers representing a diverse ethnic and socioeconomic background in rural, suburban and inner city areas in Florida, Texas, Maryland, California, Illinois, and Ohio. Performance effectiveness was monitored through surveys to product users, as well as by collecting appraisal statements from students and teachers, reports from field consultants and sales staff, and pre- and post-test scores, and attitudinal surveys. A complete Learner Verification Report is available upon request.

Program Description/Textbook or Printed Instructional Material

Vendor: Holt, Rinehart and Winston, a division of Harcourt, Inc. Web Address: www.hrw.com

Title: Holt Science & Technology [Short Courses] See Below

Author: HRW **Copyright:** 2002

ISBN: See Below **Course/Content Areas:** Middle Level Science

Intended Grade or Level: 6-8 **Readability Level:** See Below

List Price: \$16.40 each **Lowest Wholesale Price:** \$12.30 each

	TITLE	ISBN	READABILITY
A	Microorganisms, Fungi, and Plants	0-03-064772-X	7.1 w Technical/6.3 without Technical
B	Animals	0-03-064774-6	6.7 w Technical/6.1 without Technical
C	Cells, Heredity, and Classification	0-03-064777-0	7.5 w Technical/7.6 without Technical
D	Human Body Systems and Health	0-03-064779-7	6.9 w Technical/6.3 without Technical
E	Environmental Science	0-03-064782-7	7.4 w Technical/6.5 without Technical
F	Inside the Restless Earth	0-03-064784-3	7.5 w Technical/6.8 without Technical
G	Earth's Changing Surface	0-03-064787-8	7.1 w Technical/6.5 without Technical
H	Water on Earth	0-03-064789-4	7.5 w Technical/6.7 without Technical
I	Weather and Climate	0-03-064792-4	7.3 w Technical/6.4 without Technical
J	Astronomy	0-03-064794-0	7.7 w Technical/6.4 without Technical
K	Introduction to Matter	0-03-064797-5	7.5 w Technical/6.6 without Technical
L	Interactions Of Matter	0-03-064799-1	7.8 w Technical/6.9 without Technical
M	Forces, Motion, And Energy	0-03-064802-5	7.4 w Technical/6.4 without Technical
N	Electricity And Magnetism	0-03-064804-1	7.7 w Technical/6.7 without Technical
O	Sound and Light	0-03-064807-6	7.3 w Technical/6.4 without Technical

FEATURES*

***DISCLAIMER:** The features of each book or program were developed by the publisher and do not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

HOLT SCIENCE AND TECHNOLOGY provides fifteen books covering Life, Earth, and Physical Sciences. The sequence of lessons and explanations in **HOLT SCIENCE AND TECHNOLOGY** makes clear connections between previously learned information and new information. Performance objectives are introduced at the beginning of each lesson. Presentations of concepts and practice activities are integrated to present students with concepts, which they can apply in an ongoing skills and knowledge development process

Student Experiences

HOLT SCIENCE AND TECHNOLOGY includes a wide range of in-text labs. Each chapter opens with a **Start-Up Activity**, stimulating students' curiosity about upcoming scientific concepts in the chapter. **QuickLabs** require minimal time and materials and build upon scientific concepts and laboratory skills. Through a variety of chapter labs: **Skill Builder**, **Inquiry**, **Discovery**, **Making Models**, and **Design Your Own**, students master prerequisite skills and knowledge before applying them to more complex scientific concepts. **sciLINKS** online resources enable students to review, extend, and enrich their knowledge about science concepts in the text with up-to-date and accurate educational resources.

Assessment

HOLT SCIENCE AND TECHNOLOGY provides a variety of ways to accurately measure mastery of content. **Section Review** and **Chapter Review** questions provide a variety of assessment options. **Alternative Assessment** in the teacher's wrap provides different evaluation options to ensure a thorough assessment. The teacher has the option to create, revise, and edit quizzes, section and chapter reviews, and chapter tests with the **One-Stop Planner CD-ROM with Test Generator**.

Organization

Each chapter opens with a **Start-Up Activity** and each section opens with a **Reading Warm-Up**. **Connections** show that different areas of science are related to each other in many ways. Each **Connection** explores a topic from the viewpoint of another science discipline. **Apply** shows how scientific information is being used in the real world. Each chapter ends with features such as **Weird Science**, **Health Watch**, **Across the Sciences**, **Careers**, **Scientific Debate**, **Eye on the Environment**, **Eureka**, and **Science, Technology, and Society** which are designed to extend chapter content with real-world examples, articles, and motivating activities. In addition, reading strategies, such as **Reading Warm-Up** and math practice, such as **MathBreak**, are integrated throughout the program to build students' basic skills. Each chapter interleaf of the Annotated Teacher's Edition includes Planning Guide boxes that correlate all the components of the instructional program with classroom, assignment, and technology resources.

Resource Materials

? **Gratis items to be provided and under what conditions:** See Below

? **Available ancillary materials:** Additional copies of all of the gratis materials may be purchased separately.

HOLT SCIENCE & TECHNOLOGY ©2002 [Short Courses] by HRW

The following desk copy items are available on request to each school that adopts **Holt Science & Technology** [Individual Courses Edition] as its basal series:

Upon Request, One Per Set of Pupil Editions Purchased For The Life Of The Contract

Kentucky Middle School CATS Practice Tests

0-03-066799-2

In the year of purchase of a classroom set (30 pupil editions of any one course), each teacher will receive the corresponding Annotated Teacher Edition, Teaching Resources, Assessment Item Listing And Guided Reading Audio CD Program:

A: Microorganisms, Fungi, and Plants

Annotated Teacher's Edition	0-03-064773-8
Teaching Resources	0-03-064929-3
Assessment Item Listing	0-03-065508-0
Guided Reading Audio CD Program	0-03-066186-2

B: Animals

Annotated Teacher's Edition	0-03-064776-2
Teaching Resources	0-03-064931-5
Assessment Item Listing	0-03-065509-9
Guided Reading Audio CD Program	0-03-066187-0

C: Cells, Heredity, and Classification

Annotated Teacher's Edition	0-03-064778-9
Teaching Resources	0-03-064932-3
Assessment Item Listing	0-03-065511-0
Guided Reading Audio CD Program	0-03-066188-9

D: Human Body Systems and Health

Annotated Teacher's Edition	0-03-064781-9
Teaching Resources	0-03-064933-1
Assessment Item Listing	0-03-065512-9
Guided Reading Audio CD Program	0-03-066189-7

E: Environmental Science

Annotated Teacher's Edition	0-03-064783-5
Teaching Resources	0-03-064934-X
Assessment Item Listing	0-03-065513-7
Guided Reading Audio CD Program	0-03-066191-9

In the year of purchase of a classroom set (30 copies of any one course) each teacher will receive the following

One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows®, Courses A-E	0-03-064927-7
Kentucky One- Stop Planner CD-ROM with Test Generator for Macintosh® and Windows®, Courses A-E (Choice Of One Version of the One-Stop Planner CD-ROM, only in the first two years of the contract)	0-03-066796-8

In the year of purchase of a classroom set (30 pupil editions of any one course), each teacher will receive the corresponding Annotated Teacher Edition, Teaching Resources, Assessment Item Listing And Guided Reading Audio CD Program:

F: Inside the Restless Earth

Annotated Teacher's Edition	0-03-064786-X
Teaching Resources	0-03-064944-7
Assessment Item Listing	0-03-065514-5
Guided Reading Audio CD Program	0-03-066192-7

G: Earth's Changing Surface

Annotated Teacher's Edition	0-03-064788-6
Teaching Resources	0-03-064946-3
Assessment Item Listing	0-03-065516-1
Guided Reading Audio CD Program	0-03-066193-5

H: Water on Earth

Annotated Teacher's Edition	0-03-064791-6
Teaching Resources	0-03-064947-1
Assessment Item Listing	0-03-065517-X
Guided Reading Audio CD Program	0-03-066194-3

I: Weather and Climate

Annotated Teacher's Edition	0-03-064793-2
Teaching Resources	0-03-064948-X
Assessment Item Listing	0-03-065518-8
Guided Reading Audio CD Program	0-03-066196-X

J: Astronomy

Annotated Teacher's Edition	0-03-064796-7
Teaching Resources	0-03-064949-8
Assessment Item Listing	0-03-065519-6
Guided Reading Audio CD Program	0-03-066197-8

In The Year Of Purchase Of A Classroom Set (30 Copies Of Any One Course) Each Teacher Will Receive The Following

One-Stop Planner CD-ROM with Test Generator for Machintosh® and Windows®, Courses F-J	0-03-064942-0
Kentucky One- Stop Planner CD-ROM with Test Generator for Macintosh® and Windows®, Courses F-J (Choice Of One Version of the One-Stop Planner CD-ROM, <u>only</u> in the first two years of the contract)	0-03-066797-6

In the year of purchase of a classroom set (30 pupil editions of any one course), each teacher will receive the corresponding Annotated Teacher Edition, Teaching Resources, Assessment Item Listing And Guided Reading Audio Cd Program:

K: Introduction to Matter

Annotated Teacher's Edition	0-03-064798-3
Teaching Resources	0-03-064959-5
Assessment Item Listing	0-03-065521-8
Guided Reading Audio CD Program	0-03-066198-6

L: Interactions of Matter

Annotated Teacher's Edition	0-03-064801-7
Teaching Resources	0-03-064961-7
Assessment Item Listing	0-03-065522-6
Guided Reading Audio CD Program	0-03-066199-4

M. Forces, Motion, and Energy

Annotated Teacher's Edition	0-03-064803-3
Teaching Resources	0-03-064962-5
Assessment Item Listing	0-03-065531-5
Guided Reading Audio CD Program	0-03-066201-X

N. Electricity and Magnetism

Annotated Teacher's Edition	0-03-064806-8
Teaching Resources	0-03-064963-3
Assessment Item Listing	0-03-065532-3
Guided Reading Audio CD Program	0-03-066202-8

O. Sound and Light

Annotated Teacher's Edition	0-03-064808-4
Teaching Resources	0-03-064964-1
Assessment Item Listing	0-03-065533-1
Guided Reading Audio CD Program,	0-03-066203-6

In the year of purchase of a classroom set (30 copies of any one course) each teacher will receive the following

One-Stop Planner CD-ROM with Test Generator for Machintosh® and Windows®, Courses K-O	0-03-064957-9
Kentucky One- Stop Planner CD-ROM with Test Generator for Macintosh® and Windows®, Courses K-O (Choice Of One Version of the One-Stop Planner CD-ROM, only in the first two years of the contract)	0-03-066798-4

In the year of purchase of two classroom sets (60 copies of any course) or any combination of 60 pupil editions, each teacher will receive one of the following

Holt Science Professional Reference for Teachers	0-03-054422-X
Holt Anthology of Science Fiction	0-03-052947-6
Assessment Checklists & Rubrics	0-03-055798-4
Science Fair Guide	0-03-054424-6
Interactive Explorations CD-ROM Program	0-03-055468-3
Holt Science Posters	0-03-054439-4
Holt Science Skills Workshop, Reading in the Content Area	0-03-064424-0
Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area	0-03-064423-2
Kentucky Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area	0-03-066802-6
(Choice of one version of the Teacher's Edition of Holt Science Skills Workshop, only in the first two years of the contract)	
Science Tutor (choice of one version)	
Life Science	0-03-066178-1
Earth Science	0-03-066179-X
Physical Science	0-03-066181-1

In The Year Of Purchase Of Two Classroom Sets (60 Copies Of Any One Course) Or Any Combination Of 60 Pupil Editions, Each School Will Receive One Of The Following:

CNN Presents Science in the News: Video Library	0-03-054434-3
(includes Videocassette, Teacher's Guide and Critical Thinking Worksheets	
Holt Anthology of Science Fiction, 30 copies [ISBN is for single copy]	0-03-052947-6
HRW Earth Science Videotape	0-03-064317-1

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

****DISCLAIMER:** The Research Data/Evidence of Effectiveness was provided by the publisher and does not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor the Kentucky Department of Education.

Between the Fall of 1997 and September 1999, the Department of Research and Curriculum, editorial and consultant staff conducted observations, and interviews through focus groups with 262 middle school science teachers. The focus groups were held in these cities: Baltimore, MD, Dallas, TX, Sacramento, CA, Austin, TX, Houston, TX, Tampa, FL, San Jose, CA, Las Vegas, NV, and San Francisco, CA. In addition, prototype materials were field-tested by teachers and students from across the country in the following cities: Maria Stein, OH, North Richland Hills, TX, Commodore, PA, New Bedford, MA, Woodland CA, Youngstown, NY, Ponte Verde Beach, FL, Rogers, AR, Austin, TX, Haltom City, TX, Taylors, SC, and Fort Worth, TX. Based on reports from participants in the learner verification process, teachers commented favorably on the amount of background material, alternative teaching strategies, and the wide variety of activities offered in the prototype material. They liked the application of science concepts to technology and real-life situations. The students appreciated the reading level. A complete Learner Verification Report is available upon request.

Program Description/Textbook or Printed Instructional Material

Vendor: Holt, Rinehart and Winston, a division of Harcourt, Inc. Web Address: www.hrw.com
Title: Modern Biology
Author: Towle **Copyright:** 2002
ISBN: 0-03-056541-3 **Course/Content Areas:** Biology
Intended Grade or Level: 9-12 **Readability Level:** 10.8 with Technical/9.5 without Technical
List Price: \$71.80 **Lowest Wholesale Price:** \$53.85

FEATURES*

***DISCLAIMER:** The features of each book or program were developed by the publisher and do not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

MODERN BIOLOGY provides an up-to-date and comprehensive examination of key biology concepts and terms. The program's phylogenic-based approach to subject matter follows a logical progression from basic forms of life to complex organisms and provides all the tools needed to develop scientific literacy and prepares students for the future.

Student Experiences

The laboratory strand in **MODERN BIOLOGY** provides traditional laboratory activities. **Chapter Investigations** help students develop and practice basic laboratory techniques. **Quick Labs** help students form concrete models of concepts covered in the text. **Interactive Explorations** allow students to collect and analyze data using CD-ROM technology. The **Holt BioSources** lab program provides a collection of 135 additional labs divided into five lab manuals ranging from quick, simple labs to labs using techniques in biotechnology. Up-to-date **sciLINKS** Internet resource topics enable students to review, extend, and enrich their knowledge about science concepts in the text.

Assessment

MODERN BIOLOGY offers a variety of assessment tools to evaluate the progress of students. **Section Reviews** contain six questions listed at the end of each lesson that cover learning objectives presented in that section. Question 6 always challenges students to think critically about the main concepts of the lesson. Each **Chapter Review** offers a variety of vocabulary, multiple choice, short answer, critical thinking, and extension questions. Special feature pages illustrate the process, the history, and the relevance of science to students. **Extensions** include additional readings, research projects, and hands-on activities. The teacher has the option to customize tests including **Performance-Based Assessment** with the **One-Stop Planner CD-ROM with Test Generator**.

Organization

The logical organization and clear lesson design in **MODERN BIOLOGY** make the relationships between ideas and their relative importance immediately apparent to students. Six major themes recur throughout **MODERN BIOLOGY**: cell structure and function, stability and homeostasis, reproduction and inheritance, evolution, interdependence of organisms, and matter, energy, and organization. Every chapter begins with a **Focus Concept** that relates one of these themes to the concepts found in each chapter. **Research Notes** provide information on specific questions in biology, while exposing students to the tools and techniques that scientists use in developing new products and technologies. **Literature and Life** features spur students' interest in reading about biology outside the classroom. **Great Discoveries** features emphasize the contributions of scientific investigators in history. Each chapter interleaf of the Annotated Teacher's Edition includes Planning Guide boxes that correlate all the components of the instructional program with classroom, assignment, and technology resources.

Resource Materials

? **Gratis items to be provided and under what conditions:** See Next Page

? **Available ancillary materials:** Additional copies of all of the gratis materials may be purchased separately.

MODERN BIOLOGY ©2002 By Towle

The following desk copy items are available on request to each school that adopts **Modern Biology ©2002** as its basal series:

UPON REQUEST, ONE PER PUPIL EDITION PURCHASED FOR THE LIFE OF THE CONTRACT

Kentucky High School CATS Practice Tests 0-03-066801-8

ONE PER TEACHER, YEAR OF PURCHASE

Annotated Teacher's Edition 0-03-056542-1

Kentucky Annotated Teacher's Edition 0-03-066784-4

(Choice of one version of the Annotated Teacher's Edition **only** in the first two years of the contract)

Teaching Resources 0-03-056543-X

Holt BioSources Lab Program 0-03-052044-4

One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows® 0-03-064268-X

Kentucky One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows® 0-03-066791-7

(Choice of one version of the One-Stop Planner CD-ROM **only** in the first two years of the contract)

Guided Reading Audio CD Program 0-03-064271-X

Holt Science Skills Workshop, Reading in the Content Area 0-03-064424-0

Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-064423-2

Kentucky Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-066802-6

(Choice of one version of the Teacher's Edition of Holt Science Skills Workshop, **only** in the first two years of the contract)

CNN Presents Science in the News: Biology Connections [with Teacher's Guide and Critical Thinking Worksheets] 0-03-055373-3

Holt Biology Interactive Tutor CD-ROM for Macintosh® and Windows® 0-03-053032-6

Teaching Transparency Directory with Teacher's Notes 0-03-050703-0

Interactive Explorations in Biology for Macintosh® and Windows® --Human Biology 0-03-050473-2

Interactive Explorations in Biology for Macintosh® and Windows® --Cell Biology and Genetics 0-03-050478-3

Holt BioSources Teaching Transparencies 0-03-050702-2

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

****DISCLAIMER:** The Research Data/Evidence of Effectiveness was provided by the publisher and does not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor the Kentucky Department of Education.

In May of 1999 the Department of Research and Curriculum, editorial and consultant staff conducted surveys with biology teachers who were current users of **Modern Biology © 1999**. In October of 1999, discussion groups were held with 40 biology teachers participating in three cities in the Southeast U. S. The discussion groups were conducted in Atlanta, Georgia; Fairfax, Virginia; and Nashville, Tennessee. The teachers who responded to the user survey were very satisfied with the comprehensive content, the organization, and supplemental materials. Based on recommendations from participant the following improvements were made to **MODERN BIOLOGY © 2002**. The program integrates accurate and complete content coverage with engaging narrative for students. **sciLINKS** encourage use of technology and provide guided access to the Internet. The **One-Stop Planner CD-ROM** gives guidance to teacher planning. Reading Strategies help the teacher with instruction. A complete Learner Verification Report is available upon request

Program Description/Textbook or Printed Instructional Material

Vendor: Holt, Rinehart and Winston, a division of Harcourt, Inc. Web Address: www.hrw.com
Title: Modern Earth Science
Author: Sager **Copyright:** 2002
ISBN: 0-03-056533-2 **Course/Content Areas:** Earth Science
Intended Grade or Level: 9-12 **Readability Level:** 10.1 with Technical/8.7 without Technical
List Price: \$67.80 **Lowest Wholesale Price:** \$50.85

FEATURES*

***DISCLAIMER:** The features of each book or program were developed by the publisher and do not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

MODERN EARTH SCIENCE was designed to develop science process skills, reading skills, and study skills. The body of the text, its features, and complete ancillary program teach and reinforce these skills in a variety of contexts. Science process skills are at the core of **MODERN EARTH SCIENCE**. Rather than just describing earth science phenomena, the text and features explain the processes through which earth scientists make discoveries and develop theories. Review questions and investigations also provide opportunities for the application of science skills.

Student Experiences

Section Reviews ask students to answer questions to reinforce their knowledge of key concepts. **Chapter Reviews** contain a variety of factual recall, critical thinking, and skill application questions, as well as enrichment activities. **Small-Scale Investigations** and **In-Depth Investigations** come directly from the pages in the text. The **In-Depth Investigations** provide two-page experiments at the end of every chapter, complete with background information, methodological and safety guidelines, analysis questions, and suggestions for future exploration. **Long-Range Investigations** provide practical experience investigating earth science the way earth scientists do—over extended periods of time. Students will observe changes over time, keep detailed records of observations, and draw conclusions from collected data. **sciLINKS** online resources keep students up-to-date on integrated science concepts.

Assessment

MODERN EARTH SCIENCE provides a variety of ways to measure students' knowledge. **Section Reviews** ask students to answer questions to reinforce their knowledge of key concepts. **Chapter Reviews** contain a variety of factual recall, critical thinking, and skill application questions. The **One-Stop Planner CD-ROM** includes the complete collection of Teaching Resources worksheets plus customizable lessons and test generator. Other options include **Chapter and Unit Tests**, and **Performance-Based Tests** in the **Teacher Resources**.

Organization

The beginning of each chapter begins with **Chapter Outline** giving the students a preview of upcoming lessons. Each section begins with **Section Objectives** and ends with a **Section Review**. The **Chapter Review** is followed with an **In-Depth Investigation**. The **Maps in Action** feature helps students develop mapping skills and use maps related to the study of earth science, such as weather maps and geological maps. The **Eye on the Environment** feature explores environmental topics and highlights possible solutions to environmental problems. **EarthBeat**, **Science & Technology**, and **Impact on Society** focus on earth changes, current technological applications, and the effects of natural events on our lives. **Career Focus** familiarizes students with the wide array of earth science careers by introducing them to earth science professionals.

Resource Materials

? **Gratis items to be provided and under what conditions:** See Next Page

? **Available ancillary materials:** Additional copies of all of the gratis materials may be purchased separately.

MODERN EARTH SCIENCE ©2002 By Sager

The following desk copy items are available on request to each school that adopts **Modern Earth Science** as its basal series:

UPON REQUEST, ONE PER PUPIL EDITION PURCHASED FOR THE LIFE OF THE CONTRACT

Kentucky High School CATS Practice Tests 0-03-066801-8

ONE PER TEACHER, YEAR OF PURCHASE

Annotated Teacher's Edition 0-03-056534-0

Teaching Resources 0-03-056536-7

Teaching Transparencies and Worksheets with Answer Key 0-03-064319-8

One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows® 0-03-064318-X

Holt Science Skills Workshop, Reading in the Content Area 0-03-064424-0

Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-064423-2

Kentucky Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-066802-6

(Choice of one version of the Teacher's Edition of Holt Science Skills Workshop, **only** in the first two years of the contract)

HRW Earth Science Videotape 0-03-064317-1

CNN Presents Science in the News: Earth Science Connections 0-03-064312-0

[Includes Teacher's Guide and Critical Thinking Worksheets]

Holt Earth Science Interactive Tutor for Macintosh® and Windows® 0-03-065979-5

Kentucky Lesson Planner CD-ROM (Available first two years of the contract only) 0-03-066803-4

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

****DISCLAIMER:** The Research Data/Evidence of Effectiveness was provided by the publisher and does not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor the Kentucky Department of Education.

In May of 1999 the Department of Research and Curriculum, editorial and consultant staff conducted surveys with teachers representing a diverse ethnic and socioeconomic background who were current users of the 1998 edition to elicit information regarding the overall effectiveness of the program. The teachers who responded to the user survey indicated the program provided good coverage in an easy-to-read format. Based on recommendations from participants the following improvements were made in **Modern Earth Science © 2002**. Additional modern topics were incorporated with the traditional topics of earth science. Everyday examples were added to the narrative. Guided Internet access is provided by *sciLINKS*, which also encourage the use of technology. The **One-Stop Planner CD-ROM with Test Generator** gives guidance to teacher planning. A complete Learner Verification Report is available upon request.

Program Description/Textbook or Printed Instructional Material

Vendor: Holt, Rinehart and Winston, a division of Harcourt, Inc. Web Address: www.hrw.com
Title: Modern Chemistry
Author: Davis **Copyright:** 2002
ISBN: 0-03-056537-5 **Course/Content Areas:** Chemistry
Intended Grade or Level: 9-12 **Readability Level:** 11.8 with Technical/10.7 without Technical
List Price: \$71.80 **Lowest Wholesale Price:** \$53.85

FEATURES*

***DISCLAIMER:** The features of each book or program were developed by the publisher and do not reflect the opinion of the State Textbook/Instructional Materials Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

MODERN CHEMISTRY provides a sound structural framework for developing logical reasoning skills. The program prepares students to become scientifically literate citizens in today's technologically complex world with a solid foundation in chemistry and logical reasoning skills. The in-text **Elements Handbook** combines the traditional study of physical and chemical properties with coverage of related applications in science, technology, and society. To develop concepts and skills in chemistry **MODERN CHEMISTRY** uses instructional methods that begin with concrete examples, hands-on activities, or demonstrations for observational purposes.

Student Experiences

The program features a comprehensive and flexible lab program with labs representing the full spectrum of difficulty. **Quick Labs** and **Laboratory Experiments** develop a variety of science process skills including observing, measuring, organizing and analyzing data, classifying, inferring, hypothesizing, predicting, and devising experiments. Problem-solving skills and higher-level thinking are developed through **Chapter Review** activities and exercises. The technology feature **sciLINKS**, enables students to review, extend, or enrich their knowledge about science concepts in the text with up-to-date and accurate educational resources. The **Holt ChemFile Interactive Tutor CD-ROM** helps students develop problem-analysis skills as the tutor graphically displays problems in ways that help students plan effective solutions.

Assessment

MODERN CHEMISTRY offers a variety of assessment tools to evaluate the progress of students. **Section Reviews** contain questions listed at the end of each lesson that cover learning objectives presented in that section. Each **Chapter Review** contains *Reviewing Concepts, Mixed Review, Critical Thinking, Technology & Learning, Handbook Search, Research & Writing, and Alternative Assessment*. *Alternative Assessments* provide options for performance assessment and portfolio projects. The teacher has the option to customize tests with the **One-Stop Planner CD-ROM with Test Generator**.

Organization

Lessons are strategically organized for success. Objectives define the concept coverage for each section. Students know what they are expected to learn and how that learning will be assessed. Section objectives define the flow for each lesson. Authoritative, straightforward, and readable explanations are used to present key concepts. Each chapter closes with a substantial review section containing both questions and problems ranging from simple to complex. **Quick Labs** are located within chapters and 28 **Laboratory Experiments** are located at the end of the program. Each chapter interleaf of the Annotated Teacher's Edition includes Planning Guide boxes that correlate all the components of the instructional program with classroom, assignment, and technology resources.

Resource Materials

? **Gratis items to be provided and under what conditions:** See Next Page

? **Available ancillary materials:** Additional copies of all of the gratis materials may be purchased separately.

MODERN CHEMISTRY ©2002 By Davis

The following desk copy items are available on request to each school that adopts **Modern Chemistry** as its basal series:

UPON REQUEST, ONE PER PUPIL EDITION PURCHASED FOR THE LIFE OF THE CONTRACT

Kentucky High School CATS Practice Tests 0-03-066801-8

ONE PER TEACHER, YEAR OF PURCHASE

Annotated Teacher's Edition 0-03-056538-3

Kentucky Annotated Teacher's Edition 0-03-066787-9

(Choice of one version of the Annotated Teacher's Edition **only** in the first two years of the contract)

Teaching Resources 0-03-056539-1

One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows® 0-03-056628-2

Kentucky One-Stop Planner CD-ROM with Test Generator for Macintosh® and Windows® 0-03-066793-3

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Laboratory Manager's Professional Reference Reference 0-03-064921-8

Holt Science Skills Workshop, Reading in the Content Area 0-03-064424-0

Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-064423-2

Kentucky Teacher's Edition, Holt Science Skills Workshop, Reading in the Content Area 0-03-066802-6

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Teacher's Solutions Manual 0-03-066079-3

Holt ChemFile Lab Program 0-03-052993-X

Holt ChemFile Teaching Transparencies 0-03-051937-3

Holt ChemFile Transparency Directory with Teacher's Notes 0-03-051938-1

Holt ChemFile Interactive Tutor CD-ROM and User's Guide for Macintosh® and Windows® 0-03-051868-7

CNN Presents Science in the News: Chemistry Connections 0-03-055328-8

[with Teacher's Guide and Critical Thinking Worksheets]

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

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The Department of Research and Curriculum, editorial and consultant staff conducted focus groups during October of 1999, forty-eight high school chemistry teachers participated in the following cities: San Antonio, Texas, Houston, Texas, and Dallas, Texas. Performance effectiveness was monitored through surveys to product users, as well as by collecting appraisal statements from students and teachers, reports from field consultants and sales staff, and pre- and post-test scores and attitudinal surveys. A complete Learner Verification Report is available upon request.